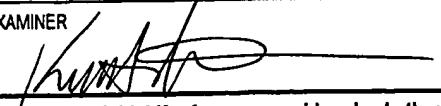


Serial No.: To Be Assigned
Filing Date: Herewith
First named inventor: Bittar

Atty. Docket No.: 5080.113 (DIV II)

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) Page 1 of 3		ATTY DOCKET NO: 5080.113(DIV II)		SERIAL NO.	
		APPLICANT: MICHAEL S. BITTAR			
		FILING DATE: Herewith		GROUP:	
U.S. PATENT DOCUMENTS					
Ex. Initial	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS
144	3,014,177	12/19/61	HUNGERFORD, ET AL.	324/8	06/24/57
144	3,187,252	06/01/65	HUNGERFORD	324/6	12/18/61
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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS
144	92402243.7	08/06/92	European Patent Office	G01V 3/12	YES NO
144	97118854.5	10/29/97	European Patent Office	G01V 3/30	YES NO
OTHER DOCUMENTS (Include Author, Title, Date, Pertinent Pages, Etc.)					
144	Zhu, T. and L. Brown, "Two-dimensional Velocity Inversion and Synthetic Seismogram Computation," GEOPHYSICS, Vol. 52, No. 1, January 1987; p. 37-49.				
144	Bittar, M. and P. Rodney, "The Effects of Rock Anisotropy on MWD Electromagnetic Wave Resistivity Sensors," THE LOG ANALYST, January-February 1996, p. 20-30.				
144	Hagiwara, T., "A New Method to Determine Horizontal-Resistivity in Anisotropic Formations without Prior Knowledge of Relative Dip," 37 th SPWLA Annual Logging Symposium, New Orleans, LA, 16-19 June 1996, p. 1-5 and three pages of figures.				
144	Bittar, M., P. Rodney, S. Mack, and R. Bartel, "A True Multiple Depth of Investigation Electromagnetic Wave Resistivity Sensor: Theory, Experiment and Prototype Field Test Results," SPE 22705, 66 th Annual Technical Conference and Exhibition of the Society of Petroleum Engineers, Dallas, TX, October 6-9, 1991, p. 1-8 and ten pages of figures.				
EXAMINER 	DATE CONSIDERED 8/18/84				

* Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form next communication to applicant.

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) Page 2 of 3		ATTY DOCKET NO: 5080.113 (DIV II)		SERIAL NO.		
		APPLICANT: MICHAEL S. BITTAR				
		FILING DATE: Herewith		GROUP:		
U.S. PATENT DOCUMENTS						
Ex. Initial	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
HTW	4,962,490	10/09/90	LYLE, ET AL.	367/35		01/18/90
HTW	4,980,643	12/25/90	GIANZERO, ET AL.	324/339		09/28/89
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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
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HTW	Mack, S., P. Rodney, and M. Bittar, "MWD tool accurately measures four resistivities," reprint from OIL & GAS JOURNAL, week of May 25, 1992, p. 1-5.					
HTW	Bittar, M., P. Rodney, and W. Hendricks, "Invasion Profiling With a Multiple Depth of Investigation Electromagnetic Wave Resistivity Sensor," SPE 28425, 69 th Annual Technical Conference and Exhibition of the Society of Petroleum Engineers, New Orleans, LA, 25-28 September 1994, p. 1-12 and eleven pages of figures.					
HTW	Luling, M.G., R. Rosthal, and F. Shray, "Processing and Modeling 2-MHz Resistivity Tools in Dipping, Laminated Anisotropic Formations," SPWLA 35 th Annual Logging Symposium, 19-22 June 1994, p. 1-25.					
EXAMINER 	DATE CONSIDERED 8/18/04					
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